

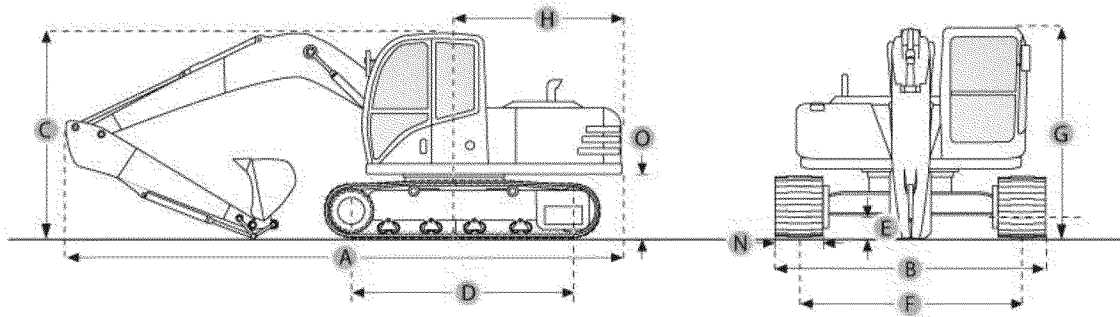



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**KOMATSU PC1250-7 HYDRAULIC EXCAVATOR**
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**Selected Dimensions**

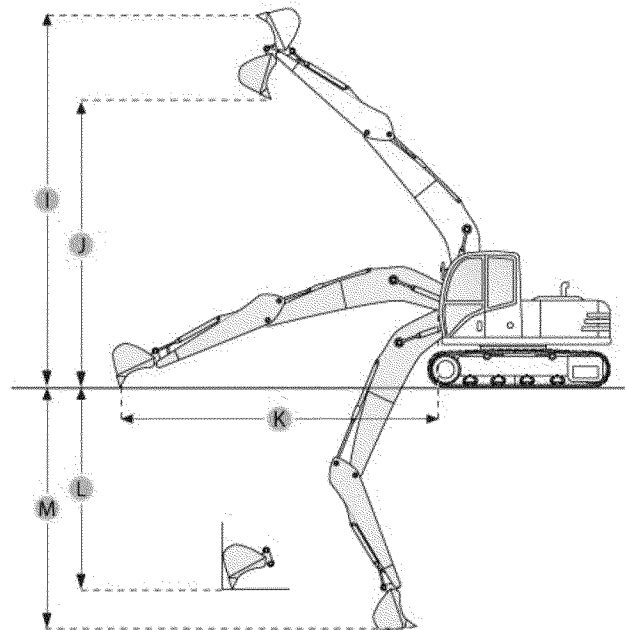
Boom/Stick Option	Boom/Stick Option (HEX) 1	
A. SHIPPING LENGTH OF UNIT	52.6 ft in	16020 mm
C. SHIPPING HEIGHT OF UNIT	19.8 ft in	6040 mm
I. MAX CUTTING HEIGHT	44 ft in	13400 mm
J. MAX LOADING HEIGHT	28.5 ft in	8680 mm
K. MAX REACH ALONG GROUND	49.2 ft in	15000 mm
L. MAX VERTICAL WALL DIGGING DEPTH	25 ft in	7610 mm
M. MAX DIGGING DEPTH	30.7 ft in	9350 mm
<b>Dimensions</b>		
B. WIDTH TO OUTSIDE OF TRACKS	15.1 ft in	4600 mm
D. LENGTH OF TRACK ON GROUND	16.4 ft in	4995 mm
E. GROUND CLEARANCE	3.3 ft in	990 mm
G. HEIGHT TO TOP OF CAB	12.9 ft in	3925 mm
H. TAIL SWING RADIUS	16 ft in	4870 mm
O. COUNTERWEIGHT CLEARANCE	5.8 ft in	1790 mm
<b>Undercarriage</b>		
F. TRACK GAUGE	12.8 ft in	3900 mm
N. SHOE SIZE	27.6 in	700 mm

**Specification**
**Engine**

MAKE	Komatsu	
MODEL	SAA6D170E-3	
GROSS POWER	651 hp	485.5 kw
NET POWER	hp	kw
POWER MEASURED @	1800 rpm	
DISPLACEMENT	1413 cu in	23.2 L
ASPIRATION	turbocharged, aftercooled	
NUMBER OF CYLINDERS	6	

**Operational**

OPERATING WEIGHT	235233.2 lb	106700 kg
FUEL CAPACITY	359.3 gal	1360 L
COOLING SYSTEM FLUID CAPACITY	37 gal	140 L
HYDRAULIC SYSTEM FLUID CAPACITY	177 gal	670 L
ENGINE OIL CAPACITY	14.8 gal	56 L
SWING DRIVE FLUID CAPACITY	6.3 gal	24 L
OPERATING VOLTAGE	24 V	
ALTERNATOR SUPPLIED AMPERAGE	50 amps	



HYDRAULIC SYSTEM RELIEF VALVE PRESSURE	4978.2 psi	34323.2 kPa
HYDRAULIC PUMP FLOW CAPACITY	261 gal/min	988 L/min

**Swing Mechanism**

SWING SPEED	5.5 rpm
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**Undercarriage**

NUMBER OF SHOES PER SIDE	48	
SHOE SIZE	27.6 in	700 mm
NUMBER OF CARRIER ROLLERS PER SIDE	3	
NUMBER OF TRACK ROLLERS PER SIDE	8	
GROUND PRESSURE	19.9 psi	137.3 kPa
MAX TRAVEL SPEED	2 mph	3.2 km/h
DRAWBAR PULL	lb	kN
TRACK GAUGE	12.8 ft in	3900 mm

**Buckets**

MINIMUM BUCKET CAPACITY	4.4 yd3	3.4 m3
MAXIMUM BUCKET CAPACITY	6.8 yd3	5.2 m3

**Boom/Stick Option (HEX) 1**

BOOM/STICK OPTION (HEX) 1	Boom 29'10" (9100mm) / Stick 11'2" (3400mm)	
SHIPPING HEIGHT OF UNIT	19.8 ft in	6040 mm
SHIPPING LENGTH OF UNIT	52.6 ft in	16020 mm
MAX DIGGING DEPTH	30.7 ft in	9350 mm
MAX REACH ALONG GROUND	49.2 ft in	15000 mm
MAX CUTTING HEIGHT	44 ft in	13400 mm
MAX LOADING HEIGHT	28.5 ft in	8680 mm
MAX VERTICAL WALL DIGGING DEPTH	25 ft in	7610 mm

**Boom/Stick Option (HEX) 2**

BOOM/STICK OPTION (HEX) 2	Boom 29'10" (9100mm) / Stick 14'9" (4500mm)	
SHIPPING HEIGHT OF UNIT	21.2 ft in	6460 mm
SHIPPING LENGTH OF UNIT	52.7 ft in	16050 mm
MAX DIGGING DEPTH	34.3 ft in	10440 mm
MAX REACH ALONG GROUND	52.5 ft in	16000 mm
MAX CUTTING HEIGHT	44.3 ft in	13490 mm
MAX LOADING HEIGHT	29.5 ft in	9000 mm
MAX VERTICAL WALL DIGGING DEPTH	27.9 ft in	8490 mm

**Boom/Stick Option (HEX) 3**

BOOM/STICK OPTION (HEX) 3	Boom 29'10" (9100mm) / Stick 18'8" (5700mm)	
SHIPPING HEIGHT OF UNIT	22.9 ft in	6990 mm
SHIPPING LENGTH OF UNIT	52 ft in	15840 mm
MAX DIGGING DEPTH	38 ft in	11590 mm
MAX REACH ALONG GROUND	56.2 ft in	17130 mm
MAX CUTTING HEIGHT	45.6 ft in	13910 mm
MAX LOADING HEIGHT	31 ft in	9440 mm
MAX VERTICAL WALL DIGGING DEPTH	31.1 ft in	9480 mm

**Dimensions**

WIDTH TO OUTSIDE OF TRACKS	15.1 ft in	4600 mm
HEIGHT TO TOP OF CAB	12.9 ft in	3925 mm
GROUND CLEARANCE	3.3 ft in	990 mm
COUNTERWEIGHT CLEARANCE	5.8 ft in	1790 mm
TAIL SWING RADIUS	16 ft in	4870 mm
LENGTH OF TRACK ON GROUND	16.4 ft in	4995 mm



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